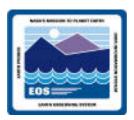


Push + Pull Scenarios Andy Endal

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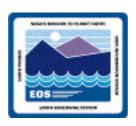
Purpose



Push + Pull

- Intended to probe design resiliency to handle unusual events which stress the system
- System is not expected to handle these events at full performance
 - Events typically exceed design specs (e.g., 2X pull)
 - Graceful response to out-of-spec conditions
- System must maintain critical functions
 - May demonstrate gradually degraded performance
 - May require operator response
 - Must provide options to tailor response to situation
- Design should demonstrate fail-safe default response

Scenarios



- 1. Spectacular Event
 - 10,000 users request images of a major oil spill
- 2. Huge Data Request
 - IDS Investigator orders five years of MODIS data
- 3. High Priority Request
 - Times series of ASTER scenes must be delivered quickly
- 4. Science Software Error
 - Standard Product must be corrected and redistributed

